

REMARKS

The title and abstract have been revised to conform more closely to the allowed claims, all of which are structure claims.

37 CFR 1.121 does not appear to prescribe how the abstract of a U.S. patent application is to be amended. Accordingly, Applicants' Attorney has used a reasonable technique to revise the abstract of the above application. In particular, added material is underlined, and deleted material is struck through.

The grammar of Claim 30 has been improved/clarified by changing the word "where" after the claim dependency number to "wherein". Claims 81, 84, 87, 89, and 91 have been amended to insert the missing word "wherein" directly after the claim dependency numbers. No other changes have been made to the claims. Hence, all of allowed Claims 1, 2, 4 - 42, and 81 - 105 are still pending.

Entry of the present amendment will not entail materially added work on the Examiner's part. No more than a cursory review of the record will be needed. Consequently, this amendment should be entered.

Please telephone Applicants' Attorney at 650-964-9767 if there are any questions.

EXPRESS MAIL LABEL NO.:

EV 743 585 428 US

Respectfully submitted,



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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/803,203 Confirmation No.: 5841
First Named Inventor: Bulucea, Constantin Filing Date: 17 March 2004
Group Art Unit: 2826 Examiner: Quach, T. N.
Atty. Docket No.: NS-5737 US
Title: Configuration and Fabrication of Semiconductor Structure Having
N-channel Channel-junction Field-effect Transistor
Assignee(s): National Semiconductor Corporation

Mountain View, California
8 December 2006

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Alexandria, Virginia 22313-1450**

AMENDMENT TO DRAWINGS UNDER 37 CFR 1.312

Sir:

Responsive to the Notice of Allowance mailed 11 September 2005 and under the provisions of 37 CFR 1.312, the drawings of the above patent application should be amended as described below.

In Fig. 12g, the label "p" should be added to region 116P.

In Fig. 12w2, the label "p" should be added to region 116.

In Fig. 14c, the label "p" should be added to region 116P.

Enclosed is a copy of the relevant drawing sheets in which the preceding changes are indicated in red. Previously requested (and approved) changes to the preceding figures are indicated in gray in the enclosed drawing-sheet copy in order to distinguish the newly requested changes from the previously requested changes.

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REMARKS

Applicants' Attorney has requested several changes to the drawings. In particular, Applicants' Attorney has requested that:

a. Region 116P in Fig. 12g be labeled "p" in conformity with (i) the sentence in paragraph 173 of the specification that "A moderately doped precursor upper body-material portion 116P for IGFET 104 is defined by ion implanting a species of the p-type HV APT dopant, at a moderate dosage through the uncovered section of screen oxide 202 and into epitaxial layer 26P" and (ii) the description of upper body-material portion 116P as a "p" region in the first sentence of paragraph 174 of the specification;

b. Region 116 in Fig. 12w.2 of Fig. "12w" similarly be labeled "p" in conformity with (i) the preceding addition of label "p" to region 116P in Fig. 12g and (ii) the labeling of region 116P in Fig. 12v.2 of immediately preceding Fig. "12v" as "p" and the labeling of region 116 in Fig. 12x.2 of immediately following Fig. "12x" as "p"; and

c. Region 116P in Fig. 14c be labeled "p" in conformity with (i) the sentences in paragraph 271 of the specification that "Subsequent processing in the modification of Fig. 14 is the same as in the process of Fig. 12 up through the deposition of largely undoped polysilicon layer 220 at the stage of Fig. 12m" and that "With precursor channel zone 186 now present, Fig. 14c illustrates how the structure appears at the stage equivalent to that of Fig. 12m" and (ii) the labeling of region 116P as "p" in Fig. 12m.

Entry of the present amendment will not entail materially added work on the Examiner's part. No more than a cursory review of the record will be needed. Consequently, this amendment should be entered.

Please telephone Applicants' Attorney at 650-964-9767 if there are any questions.

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Fig.
129

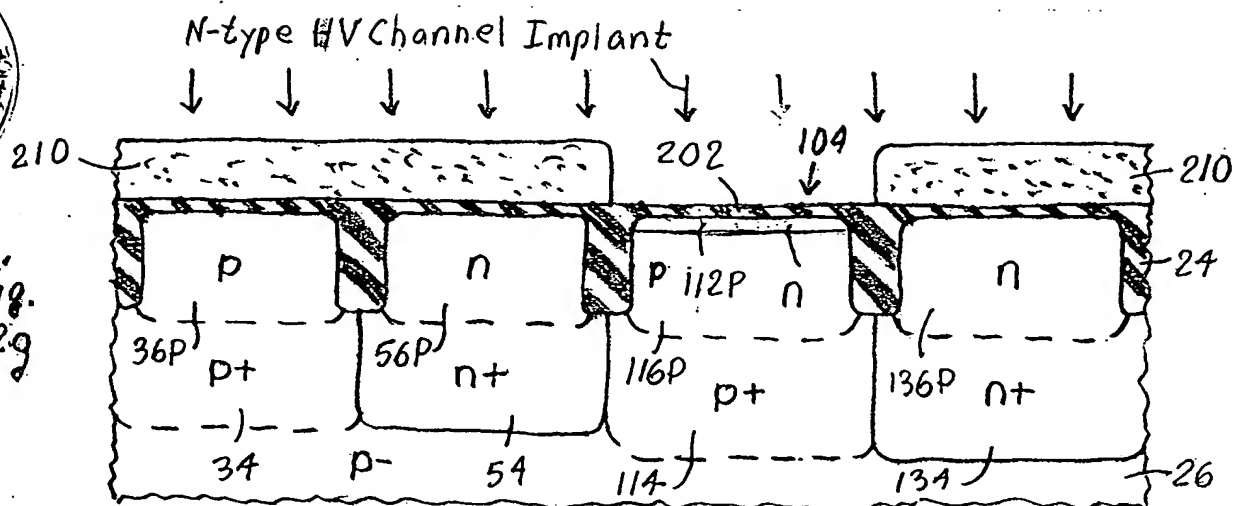


Fig.
12h

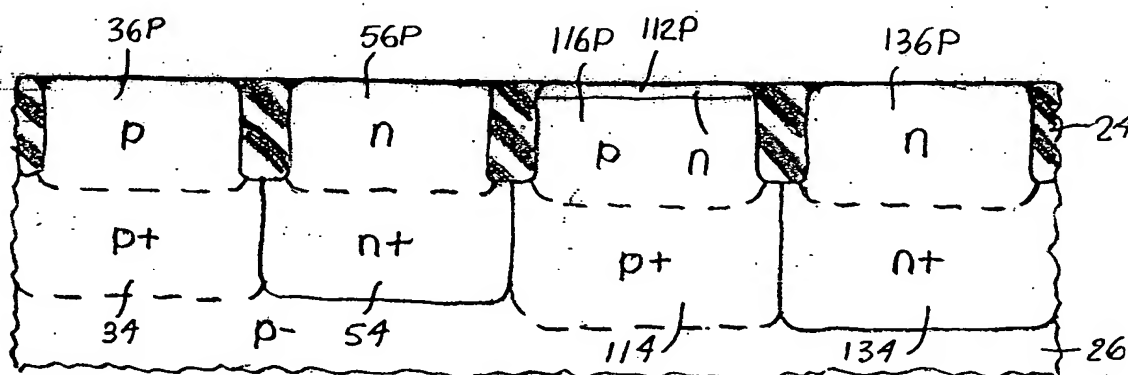
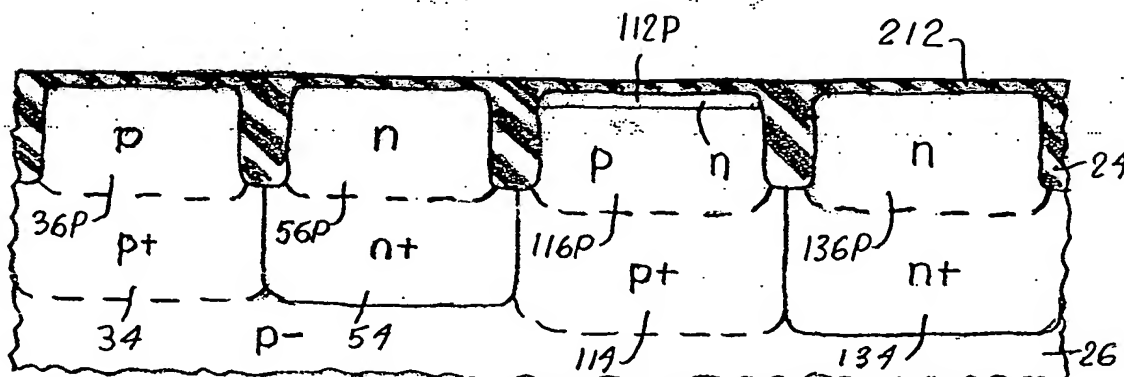
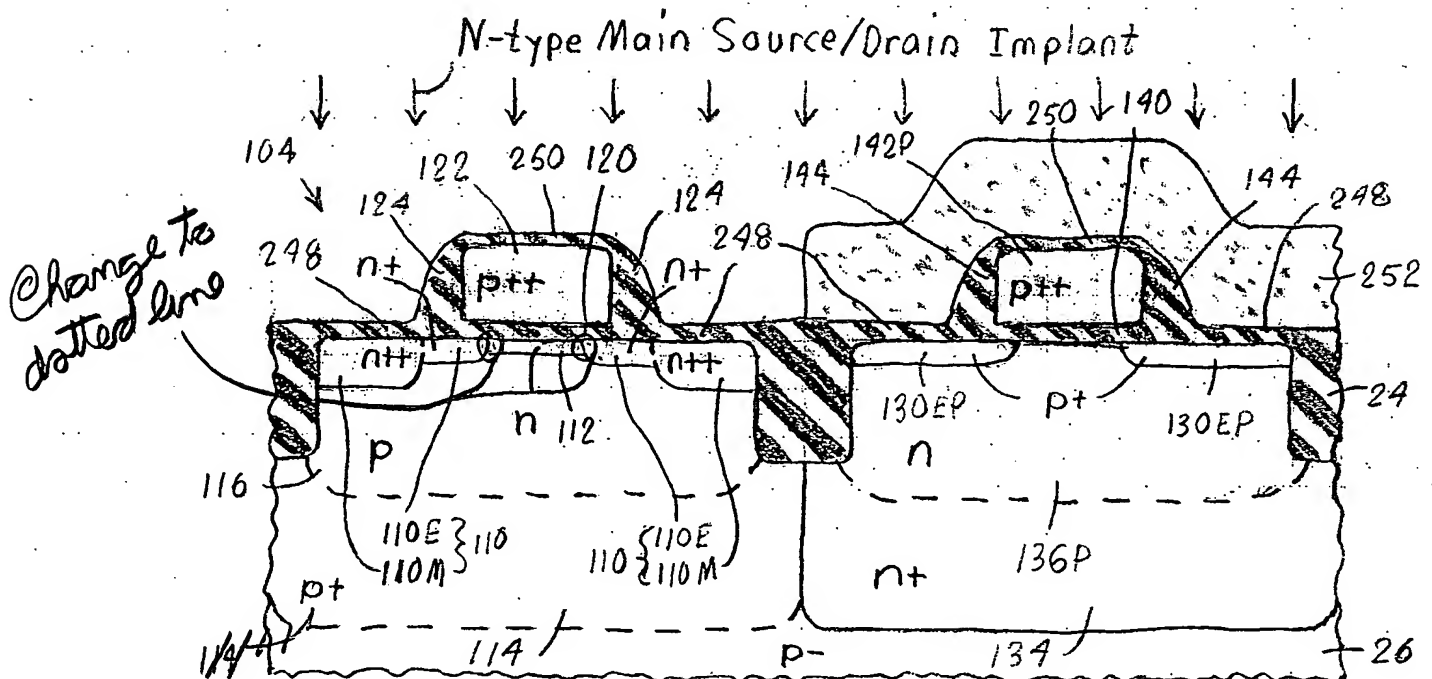
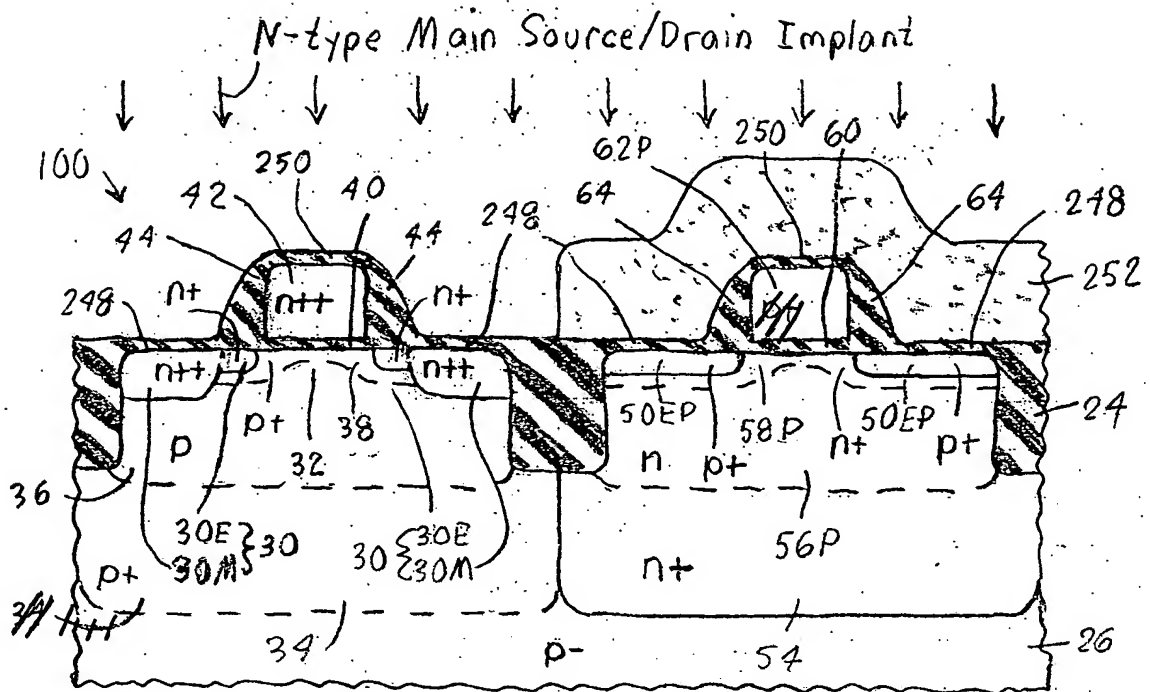


Fig.
12i





ANNOTATED SHEET

